ABSTRACT OF THE DISCLOSURE

An image processing apparatus includes a communication unit configured to exchange data with an external device, an attribute determination unit, an embedding unit, and a storage unit. The attribute determination unit determines an image attribute of a first image signal to generate an attribute signal indicating the image attribute. The embedding unit embeds the attribute signal in the first image signal in a predetermined format to obtain a second image signal. The storage unit stores the attribute signal and one of the first image signal and the second image signal. The second image signal is transmitted to the external device through the communication unit.